

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jan/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.069	380.453	1) Gujrat	0.938	3.951
2) Hydro	11.295	24.990	2) Madhya Pradesh	12.603	37.079
3) Gas	10.833	32.490	3) Chattisgarh	6.070	17.020
Total MSPGCL	154.197	437.933	4) Maharashtra Net	100.085	288.009
B) 1) APML	43.947	146.021	5) Goa (Amona)	-0.946	-2.772
2) JSWEL	17.592	52.478	Total	118.750	343.287
3) VIPL	12.021	36.205	a) Mumbai Schedule	17.871	50.042
4) RPL(AMT)	5.396	16.068	b) Mumbai Drawl	22.304	53.453
5) WPCL	4.273	10.898	c) MSEDCL Bilateral *	12.992	44.435
6) PGPL	0.000	0.000	Include PX	-4.412	-6.059
7) Other IPP	12.288	37.667	d) Mumbai Bilateral *	17.871	50.042
C) 1) TPCL Thermal	5.183	32.216	Include PX	1.737	0.323
2) TPCL Hydro	4.629	10.380	Include Standby	0.000	0.000
3) TPCL Gas	4.029	12.714	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.152	30.668	1) MSEDCL	354.148	1048.337
D) STATE			2) Mumbai Discoms	46.297	139.435
1) Thermal	242.921	742.674	TOTAL STATE	400.445	1187.772
(A1+C1+C4+(B1-B6))					
2) Hydro	15.924	35.370			
(A2+C2)					
3) Gas	14.862	45.204			
(A3+B6+C3)					
4) Wind	4.885	11.954			
6) SOLAR	3.103	9.279			
TOTAL STATE	281.695	844.481			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6064	6082	5066	4993
MSPGCL Hydro	1242	670	868	156
MSPGCL Gas	434	427	444	462
MSPGCL Total Generation	7740	7180	6378	5612
Central Sector Receipt	5719	6043	5362	4076
WIND	222	143	77	213
CPP / IPP Thermal	4395	4388	4019	3287
CPP / IPP Gas	0	0	0	0
SOLAR	467	471	1	0
Exchange with Mumbai	-1126	-1091	-1072	-675
MSEDCL DEMAND MET	17418	17134	14764	12513
Load Shedding	0	0	0	0
MSEDCL DEMAND	17418	17134	14764	12513
TPCL GENERATION	840	786	771	349
R-INFRA GENERATION	504	503	376	375
MUMBAI DEMAND	2470	2380	2219	1399
STATE DEMAND MET	19888	19514	16983	13912
STATE DEMAND	19888	19514	16983	13912
Frequency (Hz)	49.92	49.93	49.92	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 03.03 Hrs	49.76 Hz at 18.08 Hrs	49.95	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 03/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.52	10.60	155	140
Unit 8	11.95	35.10	580	440
Unit 9	0.00	0.00	0	0
Unit 10	11.31	33.41	555	353
Total	26.78	79.10		
Bhusawal				
Unit 3	4.12	12.40	200	150
Unit 4	9.74	29.44	495	345
Unit 5	9.86	29.60	500	350
Total	23.72	71.44		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.46	13.32	189	182
Unit 7	0.00	0.00	0	0
Unit 8	3.93	11.73	174	158
Total	8.39	25.05		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.99	30.02	470	360
Unit 6	8.87	18.01	390	327
Unit 7	9.62	29.25	457	331
Unit 8	0.00	0.00	0	0
Unit 9	9.74	29.29	458	352
Total	38.23	106.56		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.32	16.05	255	190
Total	5.32	16.05		
Khaparkheda				
Unit 1	3.28	3.28	160	40
Unit 2	3.98	11.98	185	160
Unit 3	0.00	0.00	0	0
Unit 4	3.96	11.81	180	160
Unit 5	10.00	29.94	500	360
Total	21.22	57.01		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.21	12.64	200	155
Unit 5	4.19	12.60	195	156
Total	8.40	25.24		
Uran				
All Units	10.83	32.49	476	427
Total	10.83	32.49		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.30	1.12	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.30	1.12		
Koyna				
Stage 1-2	3.17	6.94	395	40
Stage 4	2.62	2.88	500	0
Stage 3	1.10	2.51	158	0
Total	6.89	12.33		
Hydro				
KDPH	0.44	1.66	19	18
VTRNA	0.86	2.50	61	0
TILLARI	0.42	1.22	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.34	40	0
RNGR+BHTSA	0.38	1.14	17	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	1.25	2.51	62	49
GHATGHAR	0.94	2.97	125	0
Total	4.41	12.66		
Wind				
Total	4.88	11.95	0	0
Total	4.88	11.95		
CPP				
APML(Mus)	43.95	146.02	0	0
JSWEL(Mus)	17.59	52.48	0	0
VIPL(Mus)	12.02	36.20	0	0
RPLAMT(Mus)	5.40	16.07	0	0
WPCL(Mus)	4.27	10.90	0	0
Other(Mus)	12.29	37.67	0	0
Total	95.52	299.34		
SOLAR				
Total	3.10	9.28	0	0
Total	3.10	9.28		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.51	8.02	116	81
Trombay 7B	1.52	4.70	68	56
Trombay 8	5.18	15.53	245	199
TATA Hydro	4.63	10.38	457	33
Total	13.84	55.31		
R-INFRA				
DTPS U-1&2	10.15	30.67	505	375
Total	10.15	30.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.07	380.45	MSPGCL Total	154.20	437.93
			MSPGCL Thml+Gas	142.90	412.94	Koyna 1,2 & 4 Total	5.79	9.82
			MSPGCL Hydro	11.30	24.99	State Total	281.70	844.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Jan/2018

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4961	184	457	5602	173	3270	0	0	3990	4232	-780	12498	0	12498	1520	14018	49.94
2	4993	156	462	5612	213	3287	0	0	4143	4076	-675	12513	0	12513	1399	13912	50.00
3	5000	124	470	5594	298	3295	0	0	4085	4031	-624	12595	0	12595	1350	13945	50.01
4	5025	140	461	5626	333	3296	0	0	4084	4092	-589	12758	0	12758	1314	14072	50.02
5	5045	124	464	5634	435	3305	0	0	4411	4572	-605	13341	0	13341	1329	14670	49.96
6	5210	310	474	5994	485	3376	0	0	4737	5023	-723	14154	0	14154	1448	15602	49.97
7	5863	234	465	6562	464	3988	0	3	5328	5361	-803	15575	0	15575	1617	17192	49.98
8	5967	950	476	7392	414	4243	0	40	5419	5606	-809	16886	0	16886	1798	18684	49.94
9	5989	926	466	7380	323	4342	0	165	5308	5614	-896	16929	0	16929	2066	18995	49.96
10	6134	1076	458	7668	228	4317	0	307	5441	5627	-1048	17099	0	17099	2323	19422	49.93
11	6078	1044	459	7582	252	4213	0	392	5739	5727	-1165	17000	0	17000	2469	19469	49.89
12	6064	1242	434	7740	222	4395	0	467	5770	5719	-1126	17418	0	17418	2470	19888	49.92
13	6082	670	427	7180	143	4388	0	471	5755	6043	-1091	17134	0	17134	2380	19514	49.93
14	6096	530	427	7054	109	4377	0	449	5516	5664	-1019	16633	0	16633	2203	18836	49.98
15	6148	394	436	6978	93	4430	0	371	5470	5464	-978	16358	0	16358	2160	18518	49.95
16	5992	286	434	6712	88	4551	0	281	5442	5511	-1019	16124	0	16124	2122	18246	49.92
17	5705	344	429	6478	68	4351	0	131	5539	5311	-989	15351	0	15351	2098	17449	49.94
18	5182	290	430	5902	92	4283	0	25	5105	5059	-972	14388	0	14388	2090	16478	49.91
19	5066	868	444	6378	77	4019	0	1	4638	5362	-1072	14764	0	14764	2219	16983	49.92
20	5291	302	447	6040	65	4162	0	0	4671	4815	-1078	14005	0	14005	2209	16214	49.91
21	5074	282	450	5806	102	4010	0	0	4313	4494	-1153	13259	0	13259	2141	15400	49.94
22	5042	274	442	5758	74	3862	0	0	3737	4155	-1133	12716	0	12716	2015	14731	49.99
23	5036	415	464	5915	66	3911	0	0	3672	3512	-1057	12347	0	12347	1864	14211	49.95
24	5026	128	457	5611	68	3844	0	0	4039	3680	-900	12303	0	12303	1693	13996	49.99
MUs	132.07	11.29	10.83	154.20	4.88	95.52	0.00	3.10	116.35	118.75	-22.30	354.15	0.00	354.15	46.30	400.44	49.95

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 03/Jan/2018

Position as on 6.30 Hrs of 04/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	02/01/2018	23.48		Continued.	Boiler Recertification Work.	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	Adani U-3	660	17/11/2017	20.59	03/01/2018	14.29	Tripped on APS Bellow Leakage	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem,Water shortage	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage (Converted to zero schedule w.e.f 01.01.2018, 00:00Hrs)	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	
MSPGCL	Koradi Unit 9	660	22/12/2017	16.35		Continued.	Tripped on Rotor Earth	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Jan/2018

Position as on 6.30 Hrs of 04/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Fault	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30		Continued.	BTL, not available on account of PCR w.e.f 30.12.2017 at 18:00Hrs	
MSPGCL	Uran Unit 8	108	30/12/2017	14.24		Continued.	Thrust Bearing Trip	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
MSPGCL	Khaparkheda Unit 1	210	31/12/2017	15.47	03/01/2018	00.17	Boiler Tube Leakage	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 04/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	02/01/2018	16.57	03/01/2018	09.41	HT	Over Voltage
Akola Wardha I	InterState	03/01/2018	09.20	03/01/2018	13.53	PO	replacement of existing insulators by polymer insulators.
Dhule Sar'Sarovar I	InterState	03/01/2018	17.15		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	31/12/2017	17.20	03/01/2018	09.30	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/01/2018	16.49	03/01/2018	07.17	HT	Over Voltage
karad - kolhapur-I	IntraState	01/01/2018	18.05		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/01/2018	17.20	03/01/2018	07.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/01/2018	08.48	03/01/2018	Continued.	PO	replacement of line insulators REC-19.18.
Girwali-Solapur (Lamboti)	IntraState	03/01/2018	10.32	03/01/2018	18.42	PO	replacement of insulator string.
Karad - Jaigad - II	IntraState	03/01/2018	16.41		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2018	17.04		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
New Koyna - Loteparshuram	IntraState	01/01/2018	08.44		Continued.	PO	Conductor replacement work at LOC no 92-94.
Peth- Mudshingi -I	IntraState	03/01/2018	10.00	03/01/2018	12.52	PO	Routine Maintenance Work
Beed-Patoda Ckt 1	IntraState	03/01/2018	10.15	03/01/2018	14.50	PO	Quarterly Maintainance Work
Mulund - GIS Bhandup	IntraState	03/01/2018	14.49	03/01/2018	16.27	PO	breaker maintenance work.
Mahad - Pedambe	IntraState	04/01/2018	00.23		Continued.	T	Distance Protection
Adlabs - Pedambe	IntraState	04/01/2018	00.23	04/01/2018	01.25	T	Distance Protection
Adlabs - Pedambe	IntraState	04/01/2018	02.45		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33KV 100MVA ICT-1@Anjanagaon	IntraState	01/01/2018	12.47		Continued.	T	OSR tripped, LV directional E/F.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage